

What is claimed is:

1. A dissipative layer for use in paper-containing products comprising:
  - (a) at least one paper-forming substance; and
  - (b) an effective amount of at least one static dissipative substance to provide a desired static dissipative property, wherein the static dissipative substance is homogeneously admixed with the paper-forming substance and further wherein the dissipative layer is at least substantially free of carbon.
2. The dissipative layer according to claim 1 wherein the dissipative substance is a conductive polymer present in an amount effective to provide an electrical resistance between  $10^4$  and  $10^{11}$  ohms at a relative humidity of less than or equal to 12 percent.
3. The dissipative layer according to claim 1 wherein the static dissipative substance comprises ECCI 7091RV, polyethylene glycol, diethanol amide.
4. The dissipative layer according to claim 3 comprising ECCI 7091 RV in an amount between about 0.5 and 7.5 percent by weight.
5. The dissipative layer according to claim 3 comprising diethanol amide in an amount no less than about 1.5% by weight.
6. The dissipative layer according to claim 3 comprising polyethylene glycol in an amount not less than about 1.5% by weight.

7. The dissipative layer according to claim 1 further comprising an effective color producing amount of a dissipative pigment or dye.
8. The dissipative layer according to claim 1 wherein the paper forming substance comprises pulp, rice paper, hemp rags, cotton, and textiles.
9. The dissipative layer according to claim 8 wherein the paper forming substance comprises virgin or recycled materials.
10. A packaging material suitable for electrostatic sensitive devices comprising:
- (a) at least one layer suitable for use in a paper-containing product, said layer comprising at least one paper-forming substance;
  - (b) at least one dissipative layer comprising at least one paper-forming substance and an effective amount of at least one static dissipative substance to provide a desired static dissipative property to the layer, wherein the at least one static dissipative substance is homogeneously admixed with the at least one paper-forming substance.
11. The packaging material according to claim 10, wherein the at least one layer includes an effective amount of at least one electrically conductive substance to provide a desired electrical conductivity.
12. The packaging material according to claim 10 wherein the layer (a) is a conductive paperboard.

13. The packaging material according to claim 12 wherein the dissipative layer is a dissipative paperboard adhered to the conductive paperboard.

14. The packaging material according to claim 13 wherein said conductive paperboard is adhered to a paperboard on the non-adhered side of said conductive paperboard.

15. The packaging material according to claim 12 wherein the conductive paperboard is homogeneous conductive paperboard.

16. The packaging material according to claim 15 wherein said homogeneous conductive paperboard has an electrical resistance equal to or less than  $10^3$  ohms.

17. The packaging material according to claim 15 wherein said homogeneous conductive paperboard is a wave shaped medium, pressed into corrugation with apexes and nadirs in an alternating fashion according to the Fiber Box Handbook as A, B, C, D, E, F, N, BC, CB, BB, BE, EF, AB, BA AND BF flute of corrugated liners.

18. The packaging material according to claim 15 wherein said homogeneous conductive paperboard further includes no less than about 5.5 percent of carbon.

19. The packaging material according to claim 12 wherein the conductive paperboard is coated conductive paperboard.

20. The packaging material according to claim 10 comprising at least two

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dissipative layers.

21. The packaging material according to claim 20 wherein at least one layer (a) is located between two dissipative layers.

22. The packaging material according to claim 21, wherein the layer (a) includes an effective amount of at least one electrically conductive substance to provide a desired electrical conductivity.

23. The packaging material according to claim 21 wherein layer (a) is a conductive paperboard.

24. The packaging material according to claim 23 wherein the dissipative layers are dissipative paperboard adhered to the conductive paperboard.

25. The packaging material according to claim 24 wherein the conductive paperboard is homogeneous conductive paperboard.

26. The packaging material according to claim 25 wherein said homogeneous conductive paperboard has an electrical resistance equal to or less than  $10^3$  ohms.

27. The packaging material according to claim 25 wherein said homogeneous conductive paperboard is a wave shaped medium, pressed into corrugation with apexes and nadirs in an alternating fashion according to the Fiber Box Handbook as A, B, C, D, E, F, N, BC, CB, BB, BE, EF, AB, BA AND BF flute of corrugated liners.

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28. The packaging material according to claim 24 wherein the conductive paperboard is coated conductive paperboard.
29. The packaging material according to Claim 24 wherein said conductive paperboard has a substance applied to the non-adhered side, that serves as a protective finish, resistant to sloughing and wear of said conductive paperboard.
30. The packaging material according to claim 24 wherein said conductive paperboard has a substance applied to the non-adhered side that serves as a protective film, resistant to sloughing and wear of said conductive paperboard.

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